

## KOREAN PATENT ABSTRACT (KR)

### Patent Laid-Open Gazette

(51) IPC Code: A63H 27/22

(11) Publication No.: U1999-0014324

(43) Publication Date: April 26, 1999

(21) Application No.: 10-1998-0028205

(22) Application Date: December 31, 1998

(71) Applicant:

Yuhan Hightech. Co., Ltd.

320-1 Yuhan Bd., Cheonho-dong, Gangdong-gu, Seoul, Korea

(72) Inventor:

JANG, SOON WOOK

(54) Title of the Invention:

Three-wing Rotor Using Elasticity of Rubber Band in Model Helicopter

#### Abstract:

Provided is a structure of a model helicopter. In order to prevent the body from rotating in a rotating direction of a rotor due to the rotation of the rotor that is located on upper portion of the body, a three-wing rotor that has the same size as that of the rotor on the upper portion is installed on a lower portion of the body, and then, a rubber band connects centers of the two rotors. Therefore, the restitutional force of the rubber band generated when the wound rubber band is released is applied to the rotors on the upper and lower portions of the body, and thus, the rotors can be rotated in the opposite directions at the same speed. Thus, the rotation of the rotor does not affect the body of the helicopter, and thus, the body of the helicopter is not rotated and can rise in a stable status.